

Stanford



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Ph.D. Student in Computational and Mathematical Engineering, admitted Autumn 2016

Bio

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I am a first year PhD student in the Institute for Computational and Mathematical engineering at Stanford University. My research interests broadly lie in Linear Algebra and optimization. I have a bachelors degree (with Honours) in Chemical engineering from Indian Institute of Technology Madras, India. My undergraduate research was in the area of Computational Microfluidics. Also I did a summer research internship in Process Control at EPFL, Switzerland.

I was born and brought up in Neyveli, an industrial town in south India. I enjoy listening to Indian music and reading novels.

EDUCATION AND CERTIFICATIONS

- B.Tech (Honours), Indian Institute of Technology Madras , Chemical Engineering (2016)

SERVICE, VOLUNTEER, AND COMMUNITY WORK

- Managerial team member, National Service Scheme, IIT Madras (May 1, 2013 - May 30, 2014)
- Volunteer, IVil - IIT for Villages (September 1, 2012 - May 30, 2013)

Publications

PUBLICATIONS

- **On the role of hydrodynamic interactions in the engineered-assembly of droplet ensembles** *SOFT MATTER*
Raj, M., Gnanasekaran, A., Rengaswamy, R.
2019; 15 (39): 7863–75